

**AMENDMENTS****Amendments to the Claims:****Claims 1-46 (canceled).**

47. (New) A nucleic acid comprising a nucleic acid sequence encoding a polypeptide comprising an amino acid sequence selected from the group consisting of SEQ ID NO: 2, SEQ ID NO: 3, SEQ ID NO: 4 and SEQ ID NO: 5.
48. (New) A vector comprising the nucleic acid of claim 47.
49. (New) The vector of claim 48, wherein the vector is selected from the group consisting of *E. coli* plasmid, *Listeria* vector, orthopox virus, avipox virus, capripox virus, suipox virus, vaccinia virus, baculovirus, human adenovirus, SV40 virus and bovine papilloma virus.
50. (New) The vector of claim 49 further comprising a nucleotide sequence encoding at least one HLA class I molecule.
51. (New) A host cell comprising the vector of claim 50.
52. (New) A kit comprising the vector of claim 48.
53. (New) The kit according to claim 52 further comprising an immunostimulatory molecule.
54. (New) The kit according to claim 52, wherein said vector comprises a nucleic acid comprising the nucleic acid sequence encoding SEQ ID NO:2.
55. (New) The kit according to claim 53, wherein the immunostimulatory molecule is GM-CSF.
56. (New) The vector of claim 50, wherein the HLA Class I molecule is HLA-A2.

**REMARKS**

Claims 1-5, 7-19, and 44-46 are pending but are herewith canceled. Claims 6 and 20-43 were previously canceled. Applicants herewith submit new claims 47-56. With the entry of this amendment, claims 47-56 will be active. Support for new claims

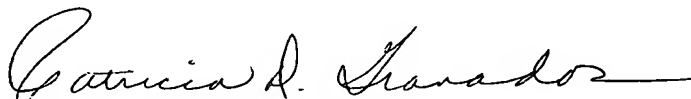
47 -56 can be found in the specification at page 20, line 1 - page 21, line 26 and in the claims as originally filed.

Applicants respectfully request the Examiner to enter the above amendment. However, in further response to the previous restriction and election of species requirement, applicants herewith elect a nucleic acid encoding SEQ ID NO:2 for searching purposes. All the claims are readable on this embodiment. Applicants do not believe that a further election of species should be required in view of the amendment to the claims. Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

A first office action on the merits is awaited.

Respectfully submitted,

Date: March 11, 2005

  
Patricia D. Granados  
Reg. No.: 33,683

**Heller Ehrman White & McAuliffe LLP**  
1717 Rhode Island Avenue, N.W.  
Washington, D.C. 20036-3001  
Telephone: (202) 912-2142  
Facsimile: (202) 912-2020

**Customer No. 44991**